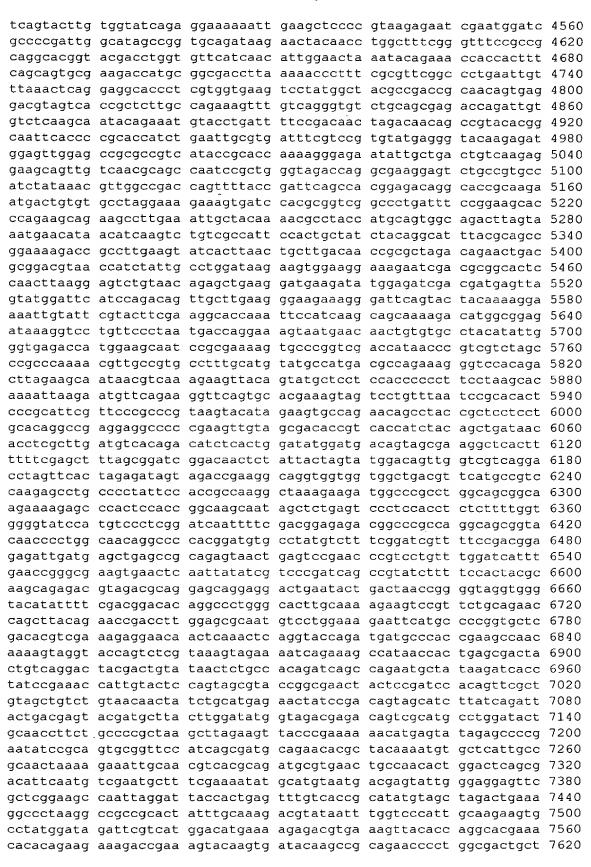
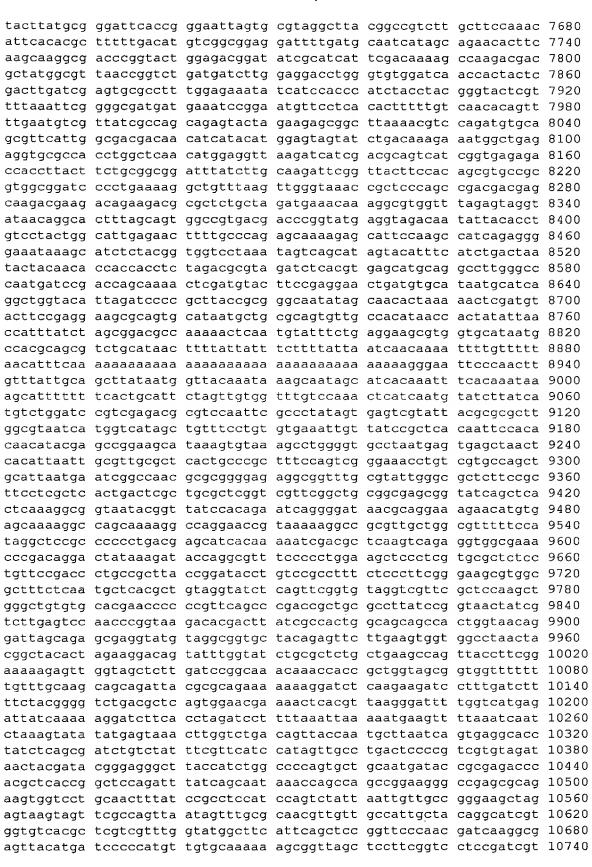
<110> Renner, Wolfgang A.

SEQUENCE LISTING

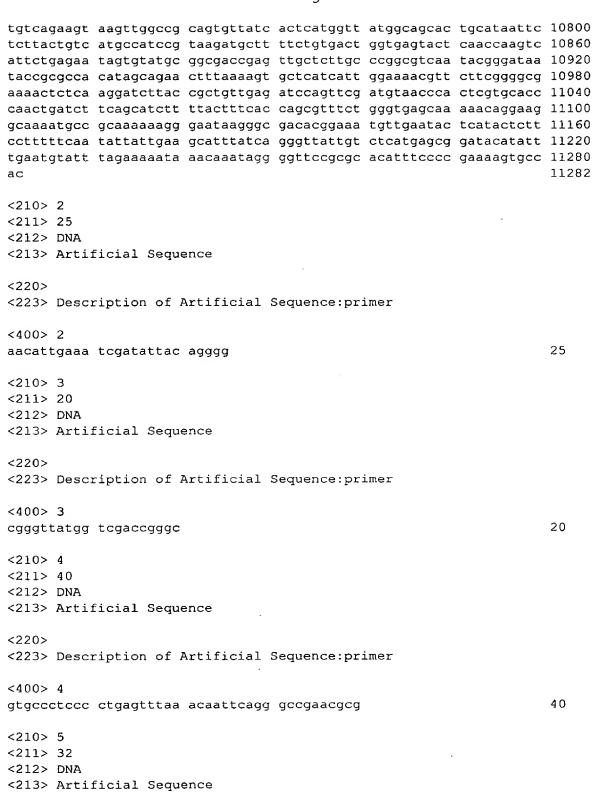
```
Nieba, Lars
      Boorsma, Marco
<120> Inducible Alphaviral Gene Expression System
<130> 1700.0020001
<140>
<141>
<150> US 60/079,562
<151> 1998-03-27
<160> 9
<170> PatentIn Ver. 2.0
<210> 1
<211> 11282
<212> DNA
<213> Artificial Sequence
<220>
<223> Description of Artificial Sequence:cDNA
<400> 1
ctgacgcgcc ctgtagcggc gcattaagcg cggcgggtgt ggtggttacg cgcagcgtga 60
ecgetacact tgccagegee ctagegeeeg etectttege tttetteeet teettteteg 120
ccacgttcgc cggctttccc cgtcaagctc taaatcgggg gctcccttta gggttccgat 180
ttagtgcttt acggcacctc gaccccaaaa aacttgatta gggtgatggt tcacgtagtg 240
ggccatcgcc ctgatagacg gtttttcgcc ctttgacgtt ggagtccacg ttctttaata 300
gtggactctt gttccaaact ggaacaacac tcaaccctat ctcggtctat tcttttgatt 360
tataagggat tttgccgatt tcggcctatt ggttaaaaaa tgagctgatt taacaaaaat 420
ttaacqcgaa ttttaacaaa atattaacqc ttacaatttc cattcgccat tcaggctgcg 480
caactgttgg gaagggcgat cggtgcgggc ctcttcgcta ttacgccagc tggcgaaagg 540
qqqatqtqct qcaaqqcqat taaqttgggt aacgccaggg ttttcccagt cacgacgttg 600
taaaacqacq qccaqtgaqc qcqcaattaa ccctcactaa agggaacaaa agctgqctag 660
tggatccagt cttatgcaat actcttgtag tcttgcaaca tggtaacgat gagttagcaa 720
catgccttac aaggagagaa aaagcaccgt gcatgccgat tggtggaagt aaggtggtac 780
gatcgtgcct tattaggaag gcaacagacg ggtctgacat ggattggacg aaccactgaa 840
ttccgcattg cagagatatt gtatttaagt gccctacctc gataccgtcg agattgacgg 900
cgtagtacac actattgaat caaacagccg accaattgca ctaccatcac aatggagaag 960
ccagtagtaa acgtagacgt agacccccag agtccgtttg tcgtgcaact gcaaaaaagc 1020
ttcccqcaat ttgaggtagt agcacagcag gtcactccaa atgaccatgc taatgccaga 1080
gcattttcgc atctggccag taaactaatc gagctggagg ttcctaccac agcgacgatc 1140
ttggacatag gcagcgcacc ggctcgtaga atgttttccg agcaccagta tcattgtgtc 1200
tgccccatgc gtagtccaga agacccggac cgcatgatga aatacgccag taaactggcg 1260
gaaaaagcgt gcaagattac aaacaagaac ttgcatgaga agattaagga tctccggacc 1320
gtacttgata cgccggatgc tgaaacacca tcgctctgct ttcacaacga tgttacctgc 1380
```

aacatgcgtg ccgaatattc cgtcatgcag gacgtgtata tcaacgctcc cggaactatc 1440 tatcatcagg ctatgaaagg cgtgcggacc ctgtactgga ttggcttcga caccacccag 1500 ttcatgttct cggctatggc aggttcgtac cctgcgtaca acaccaactg ggccgacgag 1560 aaagteettg aagegegtaa eateggaett tgeageacaa agetgagtga aggtaggaea 1620 ggaaaattgt cgataatgag gaagaaggag ttgaagcccg ggtcgcgggt ttatttctcc 1680 gtaggatcga cactttatcc agaacacaga gccagcttgc agagctggca tcttccatcg 1740 gtgttccact tgaatggaaa gcagtcgtac acttgccgct gtgatacagt ggtgagttgc 1800 gaaggetaeg tagtgaagaa aateaceate agteeeggga teaegggaga aacegtggga 1860 tacgcggtta cacacaatag cgagggcttc ttgctatgca aagttactga cacagtaaaa 1920 ggagaacggg tatcgttccc tgtgtgcacg tacatcccgg ccaccatatg cgatcagatg 1980 actggtataa tggccacgga tatatcacct gacgatgcac aaaaacttct ggttgggctc 2040 aaccagcgaa ttgtcattaa cggtaggact aacaggaaca ccaacaccat gcaaaattac 2100 cttctgccga tcatagcaca agggttcagc aaatgggcta aggagcgcaa ggatgatctt 2160 gataacgaga aaatgctggg tactagagaa cgcaagctta cgtatggctg cttgtgggcg 2220 tttcgcacta agaaagtaca ttcgttttat cgcccacctg gaacgcagac ctgcgtaaaa 2280 gteccageet ettttagege tttteccatg tegteegtat ggaegaeete tttgeccatg 2340 tcgctgaggc agaaattgaa actggcattg caaccaaaga aggaggaaaa actgctgcag 2400 gtctcggagg aattagtcat ggaggccaag gctgcttttg aggatgctca ggaggaagcc 2460 agagoggaga agotoogaga agoaottooa coattagtgg cagacaaagg catogaggca 2520 gccgcagaag ttgtctgcga agtggagggg ctccaggcgg acatcggagc agcattagtt 2580 gaaaccccgc gcggtcacgt aaggataata cctcaagcaa atgaccgtat gatcggacag 2640 tatategttg tetegecaaa etetgtgetg aagaatgeea aactegeace agegeaceeg 2700 ctagcagatc aggttaagat cataacacac tooggaagat caggaaggta cgcggtcgaa 2760 ccatacgacg ctaaagtact gatgccagca ggaggtgccg taccatggcc agaattccta 2820 gcactgagtg agagcgccac gttagtgtac aacgaaagag agtttgtgaa ccgcaaacta 2880 taccacatty ccatgcatgy ccccgccaag aatacagaag aggagcagta caaggttaca 2940 aaggcagage ttgcagaaac agagtacgtg tttgacgtgg acaagaagcg ttgcgttaag 3000 aaggaagaag ceteaggtet ggteeteteg ggagaactga ecaaceetee etateatgag 3060 ctagetetgg agggaetgaa gaeeegaeet geggteeegt acaaggtega aacaatagga 3120 gtgataggca caccggggtc gggcaagtca gctattatca agtcaactgt cacggcacga 3180 gatcttgtta ccagcggaaa gaaagaaaat tgtcgcgaaa ttgaggccga cgtgctaaga 3240 ctgaggggta tgcagattac gtcgaagaca gtagattcgg ttatgctcaa cggatgccac 3300 aaagccgtag aagtgctgta cgttgacgaa gcgttcgcgt gccacgcagg agcactactt 3360 geettgattg etategteag geeeegeaag aaggtagtae tatgeggaga eeceatgeaa 3420 tgcggattct tcaacatgat gcaactaaag gtacatttca atcaccctga aaaagacata 3480 tgcaccaaga cattetacaa gtatatetee eggegttgca caeageeagt tacagetatt 3540 gtatcgacac tgcattacga tggaaagatg aaaaccacga acccgtgcaa gaagaacatt 3600 gaaatcgata ttacaggggc cacaaagccg aagccagggg atatcatcct gacatgtttc 3660 cgcgggtggg ttaagcaatt gcaaatcgac tatcccggac atgaagtaat gacagccgcg 3720 gcctcacaag ggctaaccag aaaaggagtg tatgccgtcc ggcaaaaagt caatgaaaac 3780 ccactgtacg cgatcacatc agagcatgtg aacgtgttgc tcacccgcac tgaggacagg 3840 ctagtgtgga aaaccttgca gggcgaccca tggattaagc agcccactaa catacctaaa 3900 ggaaactttc aggctactat agaggactgg gaagctgaac acaagggaat aattgctgca 3960 ataaacagcc ccactccccg tgccaatccg ttcagctgca agaccaacgt ttgctgggcg 4020 aaagcattgg aaccgatact agccacggcc ggtatcgtac ttaccggttg ccagtggagc 4080 gaactgttcc cacagtttgc ggatgacaaa ccacattcgg ccatttacgc cttagacgta 4140 atttgcatta agtttttcgg catggacttg acaagcggac tgttttctaa acagagcatc 4200 ccactaacgt accatcccgc cgattcagcg aggccggtag ctcattggga caacagccca 4260 ggaacccgca agtatgggta cgatcacgcc attgccgccg aactctcccg tagatttccg 4320 gtgttccagc tagctgggaa gggcacacaa cttgatttgc agacggggag aaccagagtt 4380 atototgcac agcataacot ggtocoggtg aacogcaato ttootcacgo ottagtococ 4440 gagtacaagg agaagcaacc cggcccggtc aaaaaattct tgaaccagtt caaacaccac 4500





<220>



<223> Description of Artificial Sequence:primer

	<400> 5	
	gaattgttta aactcaggag gcaccctcgt gg	32
	<210> 6	
	<211> 30	
	<212> DNA	
	<213> Artificial Sequence	
	and interest poquence	
	<220>	
	<223> Description of Artificial Sequence:primer	
	<400> 6	
	ggtagacgag acagtcgcat gcctggatac	30
	<210> 7	
	<211> 30	
=,	<212> DNA	
±ੈ =,	<213> Artificial Sequence	
± •		
≓ .}	<220>	
	<pre><223> Description of Artificial Sequence:primer</pre>	
նու Քորք վումի սումի բեռու գեռու հուլե դեռույն	<400> 7	
	gtatccaggc atgcgactgt ctcgtctacc	30
₽		
)	<210> 8	
j	<211> 25	
i	<212> DNA	
	<213> Artificial Sequence	
ļ	<220>	
Ì	<223> Description of Artificial Sequence:primer	
	<400> 8	0.5
	cagaccggtt aacgccatag cgtcg	25
	<210> 9	
	<211> 25	
	<212> DNA	
	<213> Artificial Sequence	
	<220>	
	<pre><223> Description of Artificial Sequence:primer</pre>	
	(223) Description of Artificial Sequence.primer	
	<400> 9	
	ctctattact agtatggaca gttgg	25